4. (CURRENTLY AMENDED) A pseudo I/O device for use in a pseudo I/O system that is connected with a device to be tested, and simulates an actual I/O system, comprising:

a setting unit receiving a file where contents of an error of a pseudo target are defined and set[[,]] and setting the file as a setting file, the contents of the file being changeable to accommodate various types of devices;

a receiving unit receiving a command from the device to be tested;

a pseudo I/O unit processing the command received by said receiving unit according to set contents when contents corresponding to the command are set when referencing the setting file, and performing a normal reply process if the contents corresponding to the command are not set;

a transmitting unit returning data after being processed to the device to be tested at a request source; and

a hardware error generating unit making a hardware error occur in hardware ~~if~~ when error contents of the hardware are set in the setting file.

5. (CURRENTLY AMENDED) A pseudo I/O device for use in a pseudo I/O system that is connected with a device to be tested, and simulates an actual I/O system, comprising:

a setting unit receiving a file where contents of an error of a pseudo target are defined and set[[,]] and setting the file as a setting file, the contents of the file being changeable to accommodate various types of devices;

a receiving unit receiving a command from the device to be tested;

a pseudo I/O unit processing the command received by said receiving unit according to set contents when the contents corresponding to the command are set when referencing the setting file, and performing a normal reply process when the contents corresponding to the command are not set;

a transmitting unit returning data after being processed to the device to be tested at a request source, where only one pseudo I/O unit is provided in the pseudo I/O system; and

a protocol error generating unit making a set error of a protocol occur in a portion processing the protocol, ~~if~~ when contents of the error of the protocol are set in the setting file.

6. (PREVIOUSLY PRESENTED) A pseudo I/O device for use in a pseudo I/O system that is connected with a device to be tested, and simulates an actual I/O system, comprising:

a setting unit receiving a file where contents of an error of a pseudo target are defined and set, and setting the file as a setting file;

a receiving unit receiving a command from the device to be tested;

a pseudo I/O unit processing the command received by said receiving unit according to set contents when the contents corresponding to the command are set when referencing the setting file, and performing a normal reply process when the contents corresponding to the command are not set;

a transmitting unit returning data after being processed to the device to be tested at a request source, where only one pseudo I/O unit is provided in the pseudo I/O system; and

an error occurrence timing specifying unit specifying timing at which a hardware error is made to occur, or timing at which a protocol error is made to occur, while processing the command received from the device to be tested.

7. (CURRENTLY AMENDED) ~~The~~ A pseudo I/O device ~~according to claim 5, further~~ for use in a pseudo I/O system that is connected with a device to be tested, and simulates an actual I/O system, comprising:

a setting unit receiving a file where contents of an error of a pseudo target are defined and set, and setting the file as a setting file;

a receiving unit receiving a command from the device to be tested;

a pseudo I/O unit processing the command received by said receiving unit according to set contents when the contents corresponding to the command are set when referencing the setting file, and performing a normal reply process when the contents corresponding to the command are not set;

a transmitting unit returning data after being processed to the device to be tested at a request source, where only one pseudo I/O unit is provided in the pseudo I/O system;

a protocol error generating unit making a set error of a protocol occur in a portion processing the protocol, if contents of the error of the protocol are set in the setting file; and

an error occurrence timing specifying unit specifying timing at which a hardware error is made to occur, or timing at which a protocol error is made to occur, while processing the command received from the device to be tested.

8. (ORIGINAL) The pseudo I/O device according to claim 6, wherein as the timing at which a hardware or a protocol error is made to occur, timing at which an address to be processed by the device to be tested and an address set in the setting file match, or timing at which the address to be processed and an error address stored when an error occurs match is specified.

9. (ORIGINAL) The pseudo I/O device according to claim 6, wherein as the timing at which a hardware or a protocol error is made to occur, any of the moment when error contents are set in the setting file, timing at which data is received, timing at which transfer data becomes a specified data transfer size during data transfer, and timing at which a status signal is transmitted is specified.

10. (CURRENTLY AMENDED) ~~The~~ A pseudo I/O device ~~according to claim 4~~ for use in a pseudo I/O system that is connected with a device to be tested, and simulates an actual I/O system, comprising:

a setting unit receiving a file where contents of an error of a pseudo target are defined and set, and setting the file as a setting file;

a receiving unit receiving a command from the device to be tested;

a pseudo I/O unit processing the command received by said receiving unit according to set contents when contents corresponding to the command are set when referencing the setting file, and performing a normal reply process if the contents corresponding to the command are not set;

a transmitting unit returning data after being processed to the device to be tested at a request source; and

a hardware error generating unit making a hardware error occur in hardware if error contents of the hardware are set in the setting file, wherein as the hardware error or a protocol error, any of a delay in a transmission start time of frame contents, a phenomenon that part or a whole of frame contents are not transmitted, a change in frame contents, a change in data transfer information, a change in a data transfer method, and a change in a link state is used.

11. (CURRENTLY AMENDED) ~~The~~ A pseudo I/O device ~~according to claim 5~~ for use in a pseudo I/O system that is connected with a device to be tested, and simulates an actual I/O system, comprising:

a setting unit receiving a file where contents of an error of a pseudo target are defined and set, and setting the file as a setting file;

a receiving unit receiving a command from the device to be tested;

a pseudo I/O unit processing the command received by said receiving unit according to set contents when the contents corresponding to the command are set when referencing the setting file, and performing a normal reply process when the contents corresponding to the command are not set;

a transmitting unit returning data after being processed to the device to be tested at a request source, where only one pseudo I/O unit is provided in the pseudo I/O system; and

a protocol error generating unit making a set error of a protocol occur in a portion processing the protocol, if contents of the error of the protocol are set in the setting file, and

wherein as ~~the~~ a hardware error or the protocol error, any of a delay in a transmission start time of frame contents, a phenomenon that part or a whole of frame contents are not transmitted, a change in frame contents, a change in data transfer information, a change in a data transfer method, and a change in a link state is used.

12. (ORIGINAL) The pseudo I/O device according to claim 6, wherein

as the hardware error or the protocol error, any of a delay in a transmission start time of frame contents, a phenomenon that part or a whole of frame contents are not transmitted, a change in frame contents, a change in data transfer information, a change in a data transfer method, and a change in a link state is used.

13. (CURRENTLY AMENDED) A pseudo I/O method simulating an actual I/O device by making a connection to a device to be tested, comprising:

receiving a file where error contents of a simulation target are defined and set[[,]] and setting the file as a setting file, the contents of the file being changeable to accommodate various types of devices;

receiving a command from the device to be tested;

performing a pseudo I/O process in which the received command is processed according to set contents when contents corresponding to the command are set when referencing the setting file, and a normal reply process is performed when the contents corresponding to the command are not set;

returning the data after being processed to the device to be tested at a request source; and

generating a hardware error in hardware when error contents of the hardware are set in the setting file.

14. (CURRENTLY AMENDED) The pseudo I/O device according to claim 1, wherein the pseudo I/O device is used to test operations of a test device of various types ~~of devices,~~ including an analyzer, a driver of an actual device, a driver installed on an OS, and a RAID controller controlling a RAID device by adaptively changing the contents of the file.

15. (CURRENTLY AMENDED) The pseudo I/O method according to claim 13, wherein the pseudo I/O method used to test operations of a test device of various types ~~of devices,~~ including an analyzer, a driver of an actual device, a driver installed on an OS, and a RAID controller controlling a RAID device.

16. (PREVIOUSLY PRESENTED) A pseudo I/O method simulating an actual I/O device by making a connection with a device to be tested, comprising:

setting a file having contents of an error of a pseudo target, the contents of the file being changeable to accommodate various types of devices; and

referencing the file and processing a command from the device to be tested according to the set contents in the file when the set contents of the file correspond to the command for simulating the actual I/O device, where a hardware error is generated when error contents of the hardware are set in the file.

17. (NEW) A pseudo I/O method simulating an actual I/O device by making a connection with a device to be tested, comprising:

modifying an original file having contents of an error of a first pseudo target to be tested and setting the modified file to test a second pseudo target, the first pseudo target and the second pseudo target being different types of devices; and

using the modified file in processing a command from the second pseudo target according to set contents of the modified file when the set contents of the modified file correspond to the command, where contents of an error in the modified file are invalidated subsequent to processing the command to cause a normal reply from the second pseudo target.